



UNITED STATES PATENT AND TRADEMARK OFFICE

ch

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/807,826	03/24/2004	Jeffrey J. Jonas	SVL920050505US2	4343
45729	7590	11/20/2007		
GATES & COOPER LLP 6701 CENTER DRIVE WEST SUITE 1050 LOS ANGELES, CA 90045			EXAMINER YALEW, FIKREMARIAM A	
			ART UNIT 2136	PAPER NUMBER
			MAIL DATE 11/20/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/807,826

Applicant(s)

JONAS ET AL.

Examiner

Fikremariam Yalew

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The office action is in reply to an amendment filed on 08/31/2007. Claims 1,16 have been amended. Claims 1-30 are pending.

Response to Arguments

2. Applicant's arguments with respect to claims 1-30 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-7,10-22, and 25-30 are rejected under 35 U.S.C. 102(e) as being anticipated by Denning et al (hereinafter referred as Denning) US 7,143,289 B2.
5. As per claims 1,16: Denning discloses a method/System for processing data comprising: receiving a plurality of fixed coordinates that represent a location of an item (See Fig 3 steps 142,144-146, Fig 6 step 614 and col 3 lines 23-27); utilizing a cryptographic algorithm to process the plurality of fixed coordinates forming a processed data (See Fig 5 step 522 and col 6 lines 17-21); and comparing the processed data to at

least a portion of secondary data that comprises one or more fixed coordinates to determine whether a match exists(See col 12 lines 39-48,col 16 lines 29-33 and Fig 6 steps 612).

6. As per claims 2,17: Denning disclose further comprising the step of receiving data representing the location of the item and determining the plurality of fixed coordinates that represent the location of the item prior to receiving the plurality of fixed coordinates (See Fig 5 step 526, Fig 6 steps 602,614).

7. As per claims 3,18: Denning disclose the method further comprising the step of storing the processed data in a database (See col 28 lines 30-48).

8. As per claim 4,19: Denning discloses the method wherein the step of comparing the processed data to at least a portion of secondary data includes the secondary data comprising data previously stored in a database (See col 12 lines 39-48,col 16 lines 29-33 and Fig 6 steps 612).

9. As per claims 5,20: Denning discloses the method further comprising the step of matching the processed data to the at least a portion of secondary data that is determined to reflect an identical one of the plurality of fixed coordinates (See col 12 lines 39-48,col 16 lines 29-33 and Fig 6 steps 612).

10. As per claims 6, 21: Denning discloses the method further comprising the step of issuing a signal based upon a user-defined rule (See Fig 4B and Fig 9 steps 920,524).

11. As per claims 7,22: Denning discloses the method wherein the step of determining the plurality of fixed coordinates that represent the location occurs in relation to a grid (See col 17 lines 10-39).

14. As per claims 10,25: Denning discloses the method wherein the grid is a multi-dimensional grid (See col 17 lines 10-39).
15. As per claims 11,26: Denning discloses the method wherein the grid is based upon a user-defined criterion (See Fig 3 steps 144-146,147 and col 6 lines 49-53).
16. As per claims 12,27: Denning discloses the method wherein the user-defined criterion corresponds with quantity (See Fig 3 steps 144-146,147 and col 6 lines 49-53).
17. As per claims 13,28: Denning discloses the method wherein the user-defined criterion corresponds to time (See Fig 3 steps 144-146,147).
18. As per claims 14,29: Denning discloses the method wherein the step of determining the plurality of fixed coordinates that represent the location includes the step of determining a nearest of the plurality of fixed coordinates (See Fig steps 504,143,140 and col 7 lines 35-45).
19. As per claims 15,30: Denning discloses the method wherein the step of determining a plurality of fixed coordinates that represent the location includes the step of determining the plurality of fixed coordinates surrounding the location (See Fig steps 504,143,140 and col 7 lines 35-45).

Claim Rejections - 35 USC § 103

20. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

21. Claims 8-9,23-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Denning et al(hereinafter referred as Denning) US 7,143,289 B2 in view of Clapper (US Pub No 2003/0108202).

22. As per claims 8-9 and 23-24: Denning discloses claims 7, 22 as recited above. Denning does not explicitly disclose the method wherein the grid comprises a uniform grid and non-uniform grid. However Clapper discloses the method wherein the grid comprises a uniform and non-uniform grid (See 0018).Therefore it would have been obvious to one ordinary skill in the art at that time the invention was made to modify the teaching method of Clapper within Denning method inorder to determine location.

Conclusion

23. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Application/Control Number:
10/807,826
Art Unit: 2136

Page 6

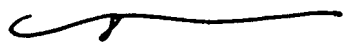
the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

24. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fikremariam Yalew whose telephone number is 5712723852. The examiner can normally be reached on 9-5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Moazzami Nasser, can be reached on 5712738300. The fax phone number for the organization where this application or proceeding is assigned is 571-272-4195. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Fikremariam Yalew
11/15/07
FA

Art Unit 2136

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100


11,19,07